ODS6403

OBSTRUCTION DATA SHEET

ODS 6403
EAGLE COUNTY AIRPORT
EAGLE, COLORADO

DIGITIZED FROM

OC 6403
SURVEYED JULY 1988
3RD EDITION

PREPARED AND DISTRIBUTED BY
THE NATIONAL OCEAN SERVICE
U.S. DEPARTMENT OF COMMERCE
FOR THE FEDERAL AVIATION ADMINISTRATION

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OBSTRUCTION DATA SHEET

The Obstruction Data Sheet (ODS) provides digital obstruction and runway data for use in aircraft arrival and departure planning. This information has been obtained using field survey and photogrammetric methods by the Photogrammetry Branch of the National Ocean Service in accordance with Federal Aviation Regulations Part 77 (FAR-77), "Objects Affecting Navigable Airspace" and FAA Nr. 405, "Specifications - Airport Obstruction Chart and Related Products."

The ODS is a derivative of the Airport Obstruction Chart (OC). The source OC is indicated on the ODS cover. All objects, both obstructing and nonobstructing, that carry an elevation on the OC are listed in the ODS. The ODS (and OC) depict a representation of objects that existed at the time of the OC field survey.

ODS information is arranged as follows:

1. Objects located in FAR-77 approach (including supplemental approaches if present) or primary areas are listed with the associated runway (reference runway). For example, all objects in the Runway 9R approach or primary are listed with Runway 9R. Distances to these objects are computed from both the physical end and threshold of Runway 9R. Objects in the Runway 27L approach or primary are listed with Runway 27L. (Objects in the common 9R/27L primary area are listed with both runways.)

2. All objects not included in "1" above are listed with the Airport Reference Point (ARP).

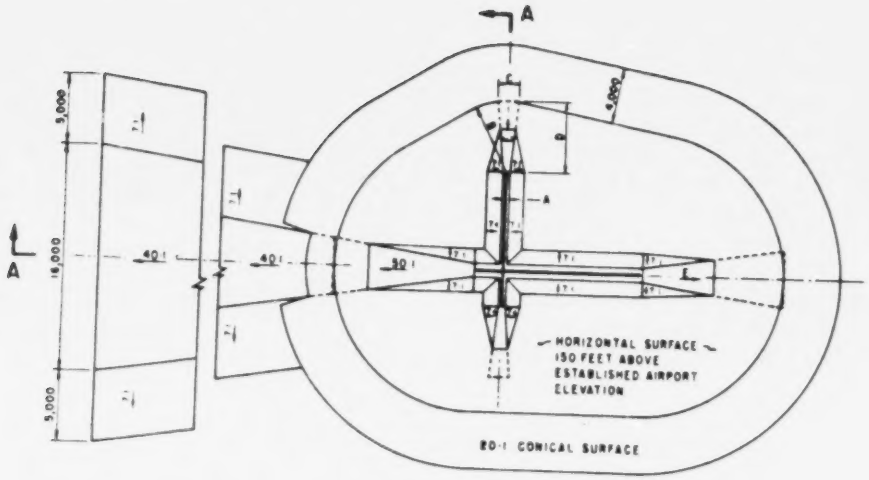
3. Runway configuration and runway lengths, widths, and elevations are presented on the ODS last page.

The FAR-77 imaginary approach surfaces for which the obstruction surveys were performed are coded in the ODS as follows (see footnote 2 on page 3):

A(V) ..... Utility runway - visual approach only
A(NP) .... Utility runway - nonprecision instrument approach
B(V) ..... Nonutility runway - visual approach only
C .... Nonutility runway - nonprecision instrument approach with visibility minimums greater than 3/4 mile
D .... Nonutility runway - nonprecision instrument approach with visibility minimums as low as 3/4 mile
PIR ..... Precision instrument runway
SUPLC ... Supplemental C underlying a B(V)

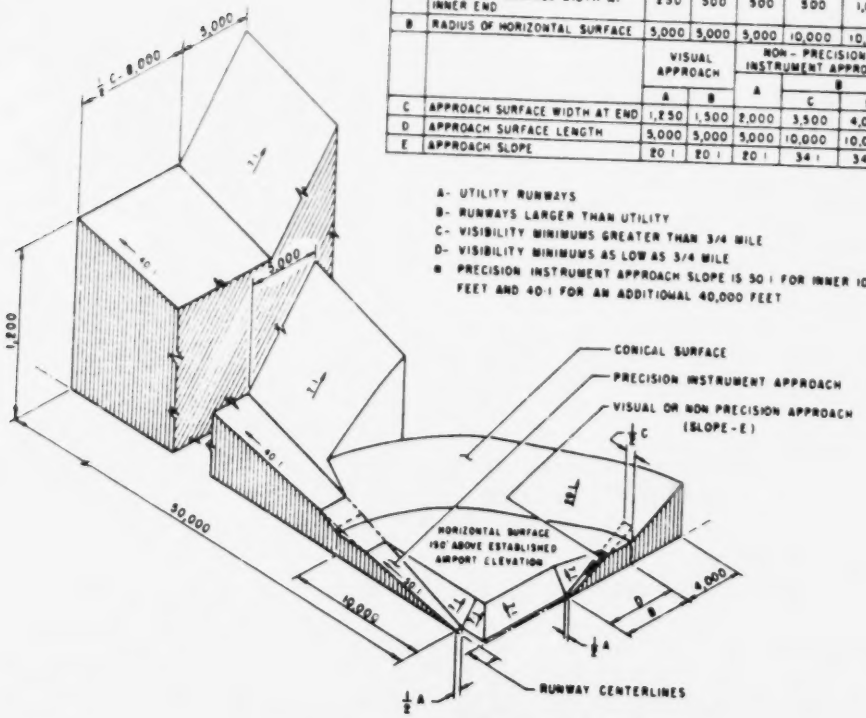
FAR-77 imaginary surface dimensions are defined on page 2 of this report.

Primary surface width is determined by the widest approach at the two approach/primary interfaces for that runway.



DIM	ITEM	DIMENSIONAL STANDARDS (FEET)					
		VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY			PRECISION INSTRUMENT RUNWAY
		A	B	A	B		
					C	D	
A	WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE WIDTH AT INNER END	250	500	500	500	1,000	1,000
B	RADIUS OF HORIZONTAL SURFACE	5,000	5,000	5,000	10,000	10,000	10,000
		VISUAL APPROACH		NON-PRECISION INSTRUMENT APPROACH			PRECISION INSTRUMENT APPROACH
		A	B	A	B		
					C	D	
C	APPROACH SURFACE WIDTH AT END	1,250	1,500	2,000	3,500	4,000	16,000
D	APPROACH SURFACE LENGTH	5,000	5,000	5,000	10,000	10,000	*
E	APPROACH SLOPE	20:1	20:1	20:1	34:1	34:1	*

A- UTILITY RUNWAYS
B- RUNWAYS LARGER THAN UTILITY
C- VISIBILITY MINIMUMS GREATER THAN 3/4 MILE
D- VISIBILITY MINIMUMS AS LOW AS 3/4 MILE
* PRECISION INSTRUMENT APPROACH SLOPE IS 50:1 FOR INNER 10,000 FEET AND 40:1 FOR AN ADDITIONAL 40,000 FEET



ISOMETRIC VIEW OF SECTION A-A

FAR-77 CIVIL AIRPORT
IMAGINARY SURFACES

ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

x^{1}	x^{2} XXXX/XXXX^{3}	XXXXXX.XXX^{4}	XXXXXXX.XXX^{4}	XXXXXXX^{5}	XXXX/XXXX^{6}	XXXXXX.XXX^{7}	XXXXXXX.XXX^{7}						
OBJECT		LAT	LONG	A^{8}	ELEV^{9}	AGL^{10}	HAR^{11}	HAT^{11}	HAA^{11}	DEND^{12}	DTHR^{12}	DCLN^{12}	PNTR^{13}
XXXXXXXXXXX		XXXXXX.XXX	XXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX
XXXXXXXXXXX		XXXXXX.XXX	XXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX

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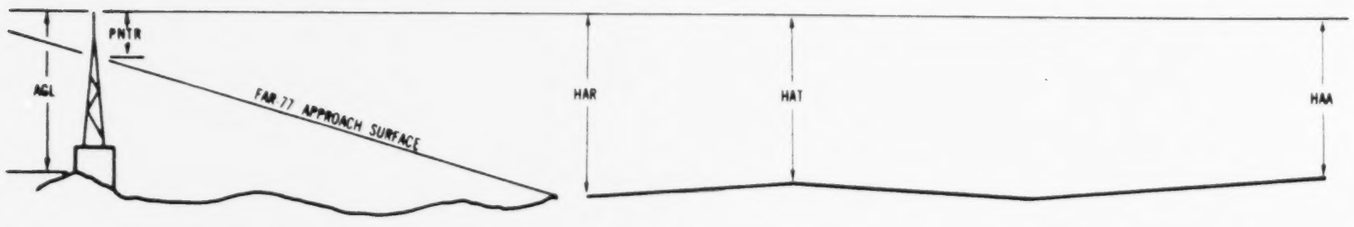

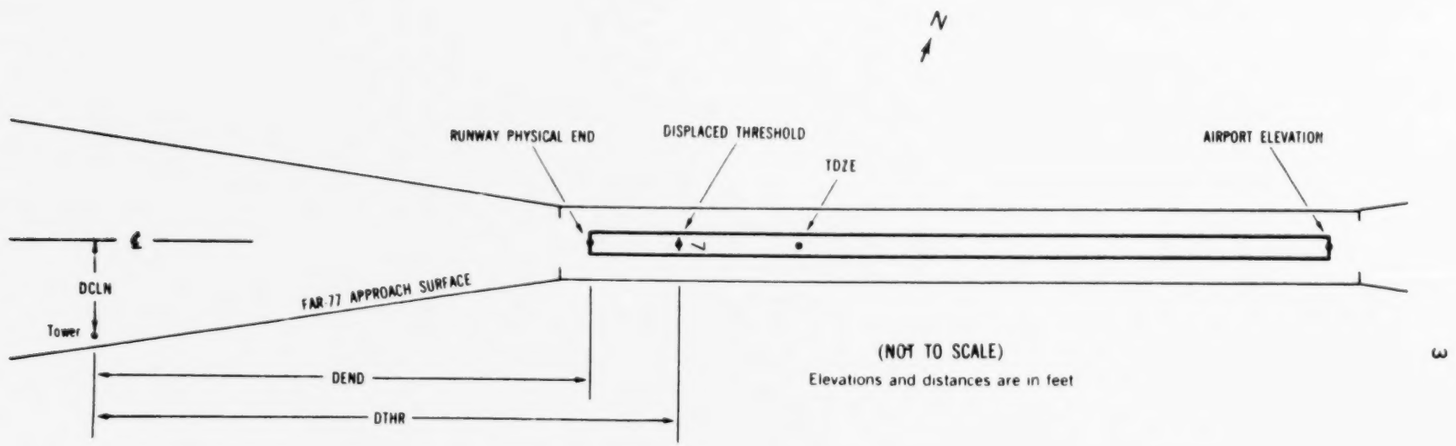

(NOT TO SCALE)

Elevations and distances are in feet

EXPLANATION OF FOOTNOTES

[1] Data block identifier. If a runway number is entered (reference runway), this data block will contain data pertinent to the reference runway and to objects in the FAR-77 approach and primary area of the reference runway. If ARP is entered, this data block will contain the ARP position and data relative to all objects not in an FAR-77 approach or primary area.

[2] For the reference runway, the lowest FAR-77 approach surface for which an obstruction survey was performed. (More than one surface may be surveyed.)

[3] Reference runway approach physical end elevation/touchdown zone elevation

[4] Latitude and longitude of reference runway approach physical end

[5] Reference runway geodetic azimuth reckoned clockwise from south

[6] Reference runway displaced threshold elevation/touchdown zone elevation

[7] Latitude and longitude of reference runway displaced threshold

[8] Accuracy Code:

Horizontal	Vertical
1 = 20	A = 2
2 = 40	B = 5
	C = 20

[9] Mean Sea Level (MSL) elevation at top of object. This value includes 15 feet added to noninterstate roads, 17 feet added to interstate roads, and 23 feet added to railroad tracks.

[10] Height above ground level (AGL). AGLs are provided only for those objects appearing on the OC that are equal to, or greater than, 200 feet AGL. AGL accuracy is ±10 feet.

[11] HAA - Height above airport
HAR - Height above reference runway approach physical end
HAT - Height above reference runway touchdown zone elevation

[12] DEND - Distance along reference runway centerline from point perpendicular to object to reference runway approach physical end
DTHR - Distance along reference runway centerline from point perpendicular to object to reference runway threshold
DCLN - Distance left (L) or right (R) of reference runway centerline as observed facing forward in a landing aircraft.

A negative value for DEND or DTHR indicates object is in primary area on roll-out side of zero distance point.

[13] PNTR - Penetration of indicated FAR-77 approach or primary surface (see footnote 2).

OC6403

AIRPORT ELEVATION 6538

8 A(V) 6463/6505 393842.672N 1065514.997W 2714848

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GROUND	393840.87	1065409.57	1A	6538		75	33	0	-5121		20R	0
WINDSOCK	393842.43	1065410.32	1A	6552		89	47	14	-5057		136L	14
TREE	393840.37	1065435.52	1A	6514		51	9	-24	-3094		135R	7
GROUND	393843.26	1065451.78	1A	6491		28	-14	-47	-1813		117L	3
BUSH	393841.69	1065514.22	1A	6466		3	-39	-72	-64		97R	2
ROD	393843.71	1065515.34	1A	6467		4	-38	-71	30		104L	4
FENCE	393841.98	1065515.52	1A	6463		0	-42	-75	39		71R	0
ROD	393843.17	1065516.33	1A	6465		2	-40	-73	106		47L	2
TREE	393841.41	1065537.11	1A	6470		7	-35	-68	1725		182R	-69

26 A(V) 6538/6538 393841.099N 1065410.957W 0914928

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD	393843.17	1065516.33	1A	6465		-73	-73	-73	-5118		47R	2
FENCE	393841.98	1065515.52	1A	6463		-75	-75	-75	-5051		71L	0
ROD	393843.71	1065515.34	1A	6467		-71	-71	-71	-5042		104R	4
BUSH	393841.69	1065514.22	1A	6466		-72	-72	-72	-4948		97L	2
GROUND	393843.26	1065451.78	1A	6491		-47	-47	-47	-3199		117R	3
TREE	393840.37	1065435.52	1A	6514		-24	-24	-24	-1918		135L	7
WINDSOCK	393842.43	1065410.32	1A	6552		14	14	14	45		136R	14
GROUND	393840.87	1065409.57	1A	6538		0	0	0	109		20L	0

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AIRPORT ELEVATION 6538

7 SUPLC 6462/6490 393829.139N 1065539.502W 2615554

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GROUND	393840.87	1065409.57	1A	6538		76	48	0	-7132		189L	3
WINDSOCK	393842.43	1065410.32	1A	6552		90	62	14	-7096		353L	17
GROUND	393842.57	1065412.17	1A	6535		73	45	-3	-6955		388L	0
TREE	393840.37	1065435.52	1A	6514		52	24	-24	-5115		423L	-4
OL ON ANEMOMETER	393839.52	1065449.43	1A	6515		53	25	-23	-4026		491L	10
OL WINDSOCK	393838.21	1065456.71	1A	6510		48	20	-28	-3444		439L	14
POLE	393800.87	1065736.14	1B	6632		170	142	94	9436		1549R	-102

25 PIR 6535/6535 393838.836N 1065410.938W 0815650

OBJECT	LAT	LONG	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL WINDSOCK	393838.21	1065456.71	1A	6510		-25	-25	-28	-3554		439R	14
OL ON ANEMOMETER	393839.52	1065449.43	1A	6515		-20	-20	-23	-2971		491R	10
TREE	393840.37	1065435.52	1A	6514		-21	-21	-24	-1882		423R	-4
GROUND	393842.57	1065412.17	1A	6535		0	0	-3	-43		388R	0
WINDSOCK	393842.43	1065410.32	1A	6552		17	17	14	98		353R	17
GROUND	393840.87	1065409.57	1A	6538		3	3	0	135		189R	3
FENCE	393834.66	1065405.29	1A	6541		6	6	3	378		480L	2
OL ON TOWER	393839.03	1065135.20	1A	7057		522	522	519	12066		1684L	275
GROUND	393945.27	1064745.55	2C	7315		780	780	777	30787		2451R	65
GROUND	393911.44	1064711.81	2C	7623		1088	1088	1085	32925		1306L	320
TREE	393923.90	1064537.41	2C	7870		1335	1335	1332	40412		1080L	380
GROUND	393911.15	1064432.25	2C	7978		1443	1443	1440	45281		3064L	366
TREE	394003.03	1064432.20	2C	7851		1316	1316	1313	46011		2135R	221
GROUND	394042.51	1064345.54	2C	8968		2433	2433	2430	50176		5586R	1234

OC6403

AIRPORT ELEVATION 6538

ARP 393837.286N 1065450.111W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
FENCE	393840.24	1065455.75	1A	6488		-50	292 1	532
ANTENNA ON RTR TOWER	393845.99	1065442.52	1A	6552		14	21 53	1062
AIRPORT BEACON	393846.45	1065439.04	1A	6555		17	30 58	1269
LIGHT STANDARD	393827.99	1065429.88	1A	6575		37	108 38	1841
HANGAR	393844.54	1065427.16	1A	6533		-5	55 39	1940
TREE	393853.45	1065526.46	1A	6486		-52	287 48	3280
POLE	393804.68	1065455.32	1B	6622		84	174 57	3324
ANTENNA ON BUILDING	393817.45	1065527.83	1A	6567		29	223 41	3569
FENCE	393826.76	1065406.05	1A	6578		40	95 4	3607
POLE	393819.82	1065534.56	1A	6526		-12	230 58	3901
POLE	393805.52	1065415.45	1B	6684		146	127 45	4205
POLE	393831.03	1065354.96	1A	6567		29	86 15	4361
TREE	393922.02	1065449.85	1B	6947		409	348 9	4526
TREE	393810.98	1065537.71	1A	6735		197	222 21	4577
TREE	393819.92	1065545.90	1A	6626		88	235 58	4705
POLE	393818.12	1065544.94	1A	6524		-14	233 35	4707
POLE	393804.33	1065535.59	1B	6713		175	214 45	4877
TREE	393819.34	1065350.36	1B	6705		167	99 7	5014
TREE	393923.79	1065419.66	1B	6745		207	14 45	5274
POLE	393805.83	1065354.56	1B	6716		178	114 7	5387
POLE	393822.84	1065341.70	1B	6700		162	93 10	5548
TREE	393931.25	1065511.78	1B	6986		448	330 39	5717
TREE	393923.77	1065533.36	1B	6900		362	312 11	5793
TREE	393754.19	1065400.14	1B	6715		177	126 1	5856
TREE	393740.78	1065431.96	1B	6769		231	153 57	5891
BUSH	393757.78	1065546.68	1B	6800		262	215 49	5964
GROUND	393928.50	1065533.26	1B	6961		423	314 50	6184
TREE	393939.00	1065442.53	1B	7011		473	353 19	6273
TREE	393732.95	1065431.75	1B	6812		274	155 27	6666
TREE	393942.63	1065430.71	1B	7007		469	0 50	6784
TREE	393739.44	1065534.38	1B	6780		242	198 31	6801
TREE	393732.78	1065531.94	1B	6825		287	194 32	7302
TREE	393941.99	1065354.13	1B	6971		433	21 40	7876

OC6403 File Continued from Previous Page

AIRPORT ELEVATION 6538

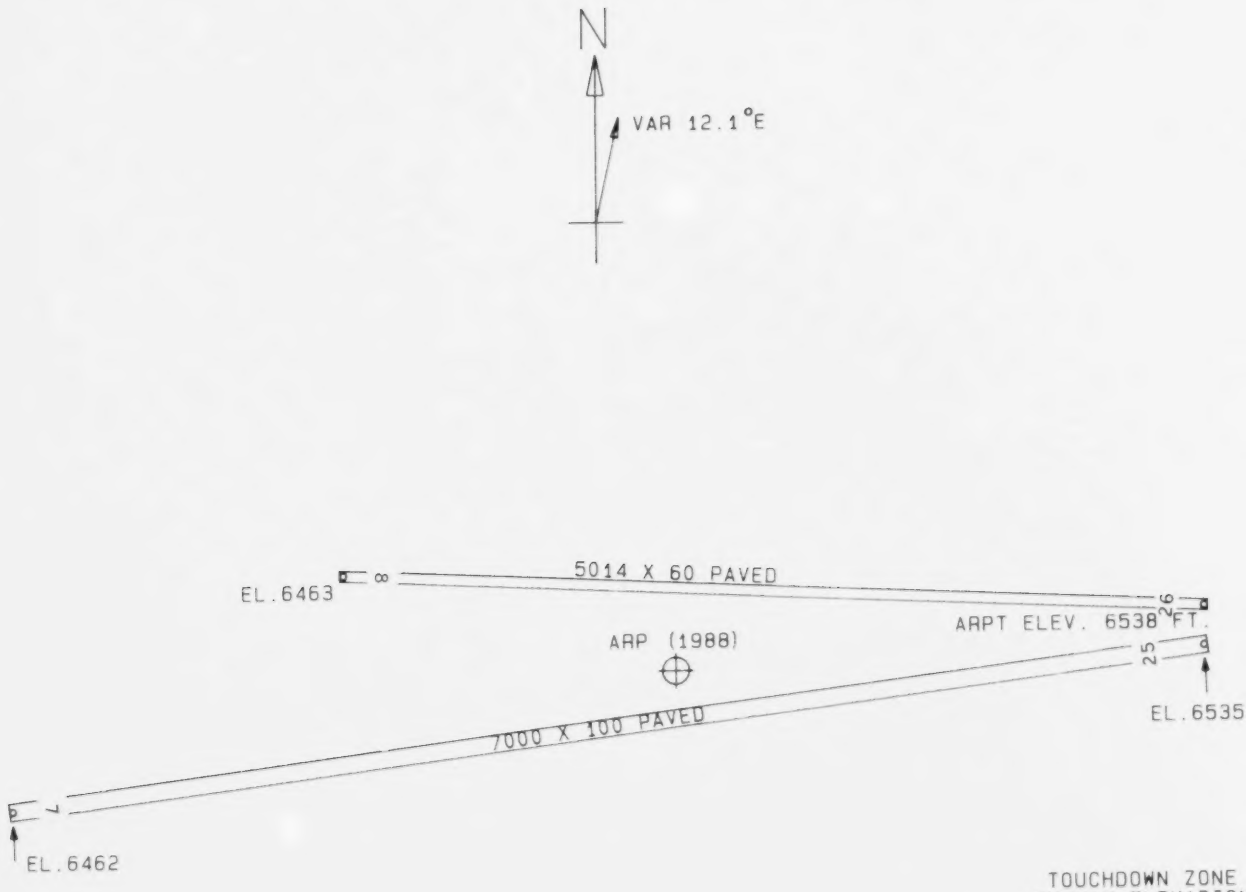
ARP 393837.286N 1065450.111W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
TREE	393948.42	1065400.35	1B	7045		507	16 18	8182
TREE	393933.26	1065613.11	1B	6889		351	299 1	8615
TREE	393722.56	1065357.13	1B	6928		390	139 10	8623
TREE	393921.28	1065306.66	1B	6789		251	49 5	9235
BUSH	393732.18	1065612.86	1B	6791		253	212 24	9237
TREE	394008.21	1065503.16	1B	7267		729	341 34	9256
TREE	393936.77	1065319.58	1B	6990		452	37 32	9294
TREE	393945.00	1065616.33	1B	7031		493	303 22	9614
TREE	393745.68	1065306.46	1B	7116		578	110 40	9645
TREE	393751.83	1065301.58	1B	7116		578	106 20	9656
TREE	393931.62	1065634.80	1B	6779		241	291 47	9863
TREE	393708.08	1065541.56	1B	7045		507	191 56	9883
TREE	393800.34	1065252.07	1B	7144		606	99 56	9962
TREE	393952.44	1065324.35	1B	7051		513	29 19	10140
TREE	393829.33	1065240.43	1B	6917		379	82 26	10177
TREE	393658.75	1065522.07	1B	7068		530	181 59	10279
TREE	393808.36	1065244.00	1B	7229		691	94 25	10291
TREE	393812.50	1065242.36	1B	7223		685	91 58	10304
TREE	394013.85	1065538.00	2C	7452		914	326 56	10464
TREE	393826.03	1065235.10	1B	7017		479	84 3	10623
TREE	393928.01	1065650.90	1B	6757		219	286 25	10752
TREE	393942.10	1065252.42	1B	6915		377	42 25	11302
TREE	393937.03	1065653.55	1B	7033		495	289 58	11391
BUSH	393647.98	1065600.38	2C	7093		555	194 20	12351
BUSH	393937.16	1065732.95	2C	6875		337	283 21	14104
TREE	394003.74	1065712.04	2C	7177		639	296 9	14133
TREE	393819.34	1065750.39	2C	6835		297	250 35	14220
BUSH	394003.01	1065728.51	2C	7031		493	292 55	15124
TREE	393958.20	1065748.16	2C	6885		347	288 22	16154
TREE	393846.43	1065823.75	2C	7162		624	261 5	16738
POLE	393809.71	1065826.80	2C	7333		795	248 34	17180
TREE	393827.27	1065831.91	2C	7615		1077	254 35	17381
OL TOWER	393833.31	1065833.29	2C	7716		1178	256 36	17463
TREE	393744.59	1065824.31	2C	7238		700	240 16	17586

AIRPORT ELEVATION 6538

ARP 393837.286N 1065450.111W

OBJECT	LAT	LONG	A	ELEV	AGL	HAA	MAG BEARING	DISTANCE
TREE	393752.63	1065829.34	2C	7694		1156	243 10	17737
POLE	393940.99	1065053.24	1A	7100		562	58 42	19617
TREE	393751.93	1064334.27	2C	8721		2183	82 48	53073



TOUCHDOWN ZONE RUNWAY	ELEVATION
8	6505
26	6538
7	6490
25	6535

EAGLE COUNTY AIRPORT

EAGLE, COLORADO

(NOT TO SCALE)